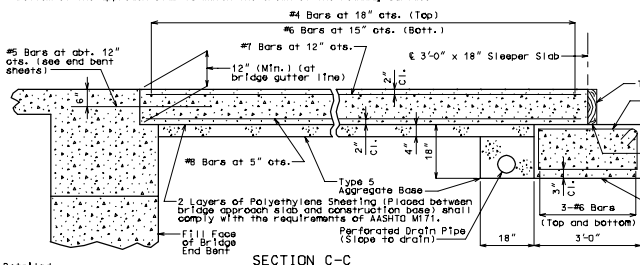
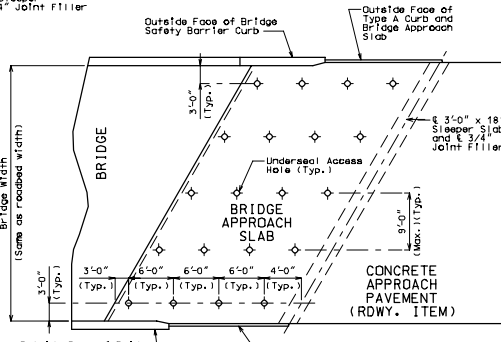


Notes: With the approval of the engineer, the contractor may crown the bottom of the approach slab to match the crown of the roadway surface.

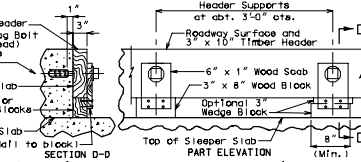


Detailing
Checked

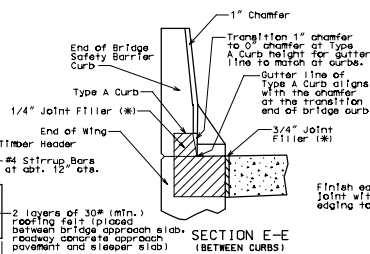
Note: This drawing is not to scale. Follow dimensions.



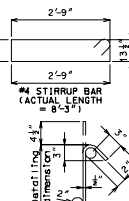
PART PLAN
(SHOWING TYPICAL UNDERSEAL ACCESS HOLE LOCATIONS)



DETAILS OF TIMBER HEADER

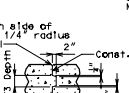


SECTION E-E
(BETWEEN CURBS)

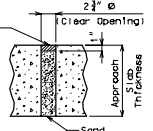


TYPICAL 135° STIRRUP
HOOK DIMENSIONS
BENDING DIAGRAM

Notes: Nominal lengths are based on cut to cut dimensions shown in bending diagram and are listed for fabricator's use (nearest inch).



CONST. JOINT DETAIL
(IF REQUIRED)



TYPICAL UNDERSEAL
ACCESS HOLE DETAIL

State	Proj. No.	Sheet No.
MD		

GENERAL NOTES:
All concrete for the bridge approach slab and sleeper slab shall be in accordance with Sec 503. (f = 4,000 psi).

All joint filler shall be in accordance with Sec 1057 for preformed fiber expansion joint filler, except as noted.

The reinforcing steel in the bridge approach slab and the sleeper slab shall be epoxy coated Grade 60 with $F_y = 60,000$ psi.

Minimum clearance to reinforcing steel shall be 1-1/2\".

The reinforcing steel in the bridge approach slab and the sleeper slab shall be continuous. The transverse reinforcing steel may be made continuous by lap splicing the #4 and #5 bars 18\".

Mechanical bar splices will be in accordance with Sec 706 and Sec 711.

Seal Joint between vertical face of approach slab and wing with Silicone Joint Sealant for Saw Cut and Formed Joints in accordance with Sec 717.

Hooks and bends shall be in accordance with the CRSI Manual of Standard Practice for Detailing Reinforced Concrete Structures, Stirrups and Tie Dimensions.

The contractor shall pour and satisfactorily finish the bridge or semi-deck slab before pouring the bridge approach slab.

Longitudinal construction joints in approach slab and sleeper slab shall be aligned with longitudinal construction joints in bridge or semi-deck slab.

Payment for furnishing all materials, labor and excavation necessary to construct the approach slab, including the bridge or semi-deck slab, underdrain, Type 5 aggregate base, joint filler and all other subcomponents shall be shown on this sheet, complete in place, will be considered completely covered by the contract unit price for Bridge Approach Slab (Bridge), per square yard.

For Concrete Approach Pavement details, see roadway plans.

See Maryland Standard Plans Drawing 609.00 for details of Type A Curb.

At the contractor's option, Grade 40 reinforcement may be substituted for the Grade 60 #5 dowel bars connecting the slab to the bridge abutment. No additional payment will be made for this substitution.

When Grade 40 reinforcement is substituted for the Grade 60 #5 dowel bars connecting the bridge approach slab to the bridge abutment, the reinforcement may be bent up to 30 degrees with a 2\".

Drain pipe may be either 6\".